

# INTERNATIONAL SEARCH REPORT

ational Application No

PCT/DK2005/000019

**A. CLASSIFICATION OF SUBJECT MATTER**  
IPC 7 D04H13/00 D04H3/10

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 D04H B29C B32B D04B

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 4 183 993 A (BENSTEAD, BRYAN C ET AL) 15 January 1980 (1980-01-15) column 1, lines 23-42 column 3, lines 5-47 column 4, line 15 - column 5, line 54	1-5,7, 15-20,26
Y	figures 1-4	8,9 10,11, 13,14, 23,24
X	GB 1 275 705 A (PETER HUBERTUS MARIA DE VLAM) 24 May 1972 (1972-05-24)  page 1, lines 64-84 page 2, lines 9-20 page 2, column 70- - page 3, column 74	1-7,12, 15-22, 25,26
Y	figures 1,3,4	8,9

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

### \* Special categories of cited documents :

"A" document defining the general state of the art which is not considered to be of particular relevance

"E" earlier document but published on or after the international filing date

"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)

"O" document referring to an oral disclosure, use, exhibition or other means

"P" document published prior to the international filing date but later than the priority date claimed

"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

"&" document member of the same patent family

Date of the actual completion of the international search

15 June 2005

Date of mailing of the international search report

23/06/2005

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2  
NL - 2280 HV Rijswijk  
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,  
Fax: (+31-70) 340-3016

Authorized officer

Barathe, R

## INTERNATIONAL SEARCH REPORT

national Application No

PCT/DK2005/000019

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	US 5 484 642 A (BOMPARD ET AL) 16 January 1996 (1996-01-16)  column 2, lines 38-52 column 2, line 64 - column 3, line 65 figures -----	10,11, 13,14, 23,24
X	US 6 244 077 B1 (OFFERMANN PETER ET AL) 12 June 2001 (2001-06-12) figure 3 -----	1-5,7, 16-20
A	EP 0 383 953 A (TEIJIN LIMITED; GUNZE LIMITED) 29 August 1990 (1990-08-29) figures 1,15,16 page 2, line 15 - page 3, line 5 claim 1 -----	1-28
A	EP 0 284 596 A (BURLINGTON INDUSTRIES, INC) 28 September 1988 (1988-09-28) figures 2,3,5-7 -----	1-28

# INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/DK2005/000019

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
US 4183993	A	15-01-1980	AU 514383 B2	05-02-1981
			AU 4363979 A	09-08-1979
			CA 1105279 A1	21-07-1981
GB 1275705	A	24-05-1972	NL 6909981 A	04-01-1971
			NL 7008333 A	13-12-1971
			CA 922089 A1	06-03-1973
			DE 2032423 A1	28-01-1971
			FR 2048071 A5	19-03-1971
US 5484642	A	16-01-1996	FR 2605929 A1	06-05-1988
			AT 58329 T	15-11-1990
			AU 601508 B2	13-09-1990
			AU 8066987 A	12-05-1988
			CA 1331946 C	13-09-1994
			DE 3766228 D1	20-12-1990
			EP 0270411 A1	08-06-1988
			GR 3001381 T3	11-09-1992
			JP 7081224 B	30-08-1995
			JP 63203844 A	23-08-1988
US 6244077	B1	12-06-2001	WO 9721860 A1	19-06-1997
			AT 216003 T	15-04-2002
			AU 4171796 A	03-07-1997
			DE 59510165 D1	16-05-2002
			EP 0873440 A1	28-10-1998
			JP 2000501792 T	15-02-2000
EP 0383953	A	29-08-1990	DE 68919825 D1	19-01-1995
			DE 68919825 T2	06-07-1995
			EP 0383953 A1	29-08-1990
			WO 9002831 A1	22-03-1990
			JP 7049614 B	31-05-1995
			KR 9209284 B1	15-10-1992
			US 5118569 A	02-06-1992
EP 0284596	A	28-09-1988	US 4854135 A	08-08-1989
			EP 0284596 A2	28-09-1988
			US 4841749 A	27-06-1989